

Claims

- 1) Wall flush mount supporting device for electric or electronic components, of the type comprising a wall recessed box (1), a component-holder plate (3) and a finishing plate (4) frontally applied on the component-holder plate (3), characterised in that it comprises a box-shaped collar (2) between the box (1) and the plate (3) adapted to exactly contain the plate (3) and provided with means (2c, 6) used to fix it to the box (1) and means (2e, 8) used to fix it to the component-holder plate (3).
- 2) Wall flush mount supporting device for electric or electronic components as defined in claim 1, characterised in that the box-shaped collar (2) is provided with means (2d, 7) used to adjust its fixing position to the box (1).
- 3) Wall flush mount supporting device for electric or electronic components as defined in claim 1, characterised in that the means (2c, 6) used to fix the box-shaped collar (2) to the box (1) comprise at least an opposite pair of tongues (2b) in internal position on the back opening of the collar (2) and provided with central slots (2c) used to insert relevant screws (6), each of them being engaged with a threaded hole (1a) internally provided in the opening of the box (1).
- 4) Wall flush mount supporting device for electric or electronic components as defined in any of the preceding claims, characterised in that the adjustment means (2d, 7) consist in a pair of adjustment nuts (7) engaged into a pair of threaded holes (2d) astride the slot (2c) with tongues (1c) on the internal opening of the box (1) behind the tongues (2b).
- 5) Wall flush mount supporting device for electric or electronic components as defined in any of the preceding claims, characterised in that the component-holder plate (3) is provided with magnetic inserts (3d) used to engage the metal plate (4), with windows (4a) adapted to exactly house the said components (C), whose body remains behind the plate (3), and the front edge projects externally from the slots (3b) of the plate (3) flush with the plate (4).
- 6) Wall flush mount supporting device for electric or electronic components as defined in any of the preceding claims, characterised in that the means (2e, 8)

used to fix the box-shaped collar (2) to the component-holder plate (3) consist in screws (8) inserted into suitable holes (3a) on the plate (3) engaged in tubular threaded elements (2e) in internal position on the back opening of the box-shaped collar (2).

- 5 7) Wall flush mount supporting device for electric or electronic components as defined in any of the preceding claims, characterised in that the box-shaped collar (2) is frontally closed with a cover (5) dimensioned in such a way to be perfectly contained and positioned inside the front opening of the box-shaped collar (2) flush with the front edges (2a).
- 10 8) Device as defined in claim 7, characterised in that the cover (5) is provided with two coaxially opposite pins (5a) in lateral position adapted to be inserted into two holes (2f) on the vertical sides of the front opening of the box-shaped collar (2).
- 15 9) Wall flush mount supporting device for electric or electronic components as defined in one or more of claims 1 to 6, characterised in that it comprises a spacing frame (9) located between the box-shaped collar (2) and the plate (3) and suitable to be contained inside the collar (2) in order to hold the plate (3) with relevant finishing plate (4) perfectly flush with the front opening of the collar (2).
- 20 10) Wall flush mount supporting device for electric or electronic components as defined in claim 9, characterised in that the spacing frame (9) is composed of four perpendicular edges (9a) and four tubular angular parts (9b) used to insert the screws (8) that fix the plate (3) and engage with the tubular threaded elements (2e) of the box-shaped collar (2).
- 25 11) Wall flush mount supporting device for electric or electronic components as defined in one or more of claims 1 to 6, characterised in that it comprises a counter-collar (20) of box-shaped sheet formed of four perpendicular walls with the same height, dimensioned in such a way that it can exactly house the collar (2), whose front edges (2a) are flush with the edges (20a) of the counter-collar (20), having at least an opposite pair of external ears (20b) in
30 the back opening, each of them being provided with a central slot (20c) to pass a screw (60) used to fix the counter-collar (20) to the box (1), which has

suitable threaded holes (10a) adapted to receive the screws (60).

12) Wall flush mount supporting device for electric or electronic components as defined in claim 11, characterised in that the counter-collar (20) has two threaded holes (20d) in lateral position with respect the slot (20c) used to
5 engage two adjustment nuts (70) held by suitable tongues (10c) situated on the external opening of the box (1).

13) Wall flush mount supporting device for electric or electronic components as defined in claim 11, characterised in that the front edges (20a) of the counter-collar (20) coincide with the folding line of an external wing (21) made
10 of sheet.